

Water-Data Report NV-2005

393823119424503 Local number 085 N21 E20 35CBAC5 LYSIMETER 2 DEEP

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'29.4", long 119°42'45.3" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 14 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1305	Interstitial water	794	49.8	.43	59.8	.130	57.6
05...	1315	Replicate	838	44.5	.38	60.6	.133	55.6
Nov								
02...	1340	Interstitial water	841	45.0	<.04	44.2	.039	43.3
Dec								
08...	1147	Interstitial water	684	25.9	.07	52.5	.078	51.7
08...	1155	Replicate	746	25.9	.08	49.5	.079	50.3
Mar								
01...	1355	Interstitial water	593	33.1	.86	1.41	.174	3.35
Apr								
05...	1337	Interstitial water	749	47.1	1.22	1.23	.037	3.65
May								
04...	1001	Interstitial water	566	35.9	1.68	.09	.020	2.68
Jun								
01...	1026	Interstitial water	751	38.5	2.04	1.48	.153	4.59
Jul								
06...	0949	Interstitial water	764	38.8	2.51	1.30	.034	4.87
06...	0950	Replicate	768	38.8	2.57	1.30	.034	5.19
Aug								
03...	0913	Interstitial water	771	39.2	3.07	12.2	.031	17.2
Sep								
08...	0847	Interstitial water	808	39.2	2.91	49.5	.269	51.0

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	0843	Interstitial water	1,000	43.7	3.26	42.0	.017	46.9
Nov								
02...	0854	Interstitial water	625	37.5	3.09	12.9	<.008	17.4
30...	0923	Interstitial water	751	36.0	3.30	24.0	.202	25.9
Dec								
22...	1234	Interstitial water	689	36.4	3.40	12.1	.015	15.8